

AUSTRALIAN BUREAU OF STATISTICS Canberra

CATALOGUE NO. 6309.0

NOON 7 JANUARY 1980

WEEKLY EARNINGS OF EMPLOYEES (DISTRIBUTION), AUGUST 1979 (PRELIMINARY)

INQUIRIES

If you want to know more about these statistics ring Mr Graham Angus on Canberra 526572 or our State Office, or write to Information Services, ABS, P.O. Box 10, Belconnen, A.C.T. 2616

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MAIN FEATURES

In August 1979 the estimated percentages of full-time employees aged 20 years and over earning less than various weekly amounts were as follows:

	Males (\$)	Females (\$)
25 per cent earned less than	175	147
50 " " " " "	211	173
75 " " " " "	271	207
90 " " " " "	354	257

Average weekly earnings of full-time employees were:

	Males (\$)	Females (\$)
Aged 20 years and over	235	185
Aged 15 to 19 years	123	113

being conducted during the two weeks beginning on 6 August 1979.

Scope

4. The estimates relate to all persons aged 15 years and over except:

- (a) members of the permanent defence forces
- (b) certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations
- (c) overseas visitors holidaying in Australia
- (d) members of non-Australian defence forces (and their dependants) stationed in Australia, and
- (e) patients in hospitals and sanatoria, or inmates of gaols, reformatories, etc.

Interpretation of results

5. Since the estimates are based on a sample, they are subject to sampling variability. (See Technical Note, page 9). In addition, they are subject to errors of response and reporting. In many cases the answer to the question on earnings was based on the knowledge of one person (generally the housewife), and it is possible that the estimates may be somewhat understated. Other errors may be due to genuine misunderstanding.

Definitions

6. *Weekly earnings* refers to gross weekly wages and salaries before taxation and other deductions have been made.

7. The *main job* was defined as the job at which most hours were worked during the survey week. The *second job* was defined to include all remaining jobs.

8. *Full-time employees* are those who usually worked 35 hours a week or more and others who, although usually part-time workers, worked 35 hours or more during the survey week. *Part-time employees* are those who usually worked less than 35 hours a week and who did so during the survey week. When recording hours of work, fractions of an hour were disregarded.

9. *Median weekly earnings* is the amount which divides the distribution of individuals into two equal groups, one having earnings above that amount and the

EXPLANATORY NOTES

Introduction

In August 1979 a sample survey, based on the monthly population survey, was conducted throughout Australia in order to obtain information about the earnings of wage and salary earners. For the sake of brevity, wage and salary earners are referred to in the tables as "employees". Similar surveys relating to earnings have been conducted annually since August 1975.

2. This publication contains a summary of results of the survey. The estimates shown are preliminary and subject to revision; further estimates will be published in *Weekly Earnings of Employees (Distribution)* (6310.0). Although the survey obtained separate particulars of earnings from main and other jobs, this publication contains only details of earnings from *all* jobs (except in Table 4).

The population survey

3. The survey was based on a multi-stage area sample of private dwellings (about 30,000 houses, flats etc.) and non-private dwellings (hotels, motels, etc.) and covered about two-thirds of one per cent of the population of Australia. The information was obtained from the occupants of selected dwellings by carefully chosen and specially trained interviewers, the interviews

other having earnings below it. Medians were calculated from grouped data, the class intervals being finer than those published in the tables. Linear interpolation was used within the class interval in which the median fell.

10. *Mean (average) weekly earnings* is the amount obtained by dividing the total earnings of a group by the number of units in that group.

Comparability of estimates with those for previous years

11. Results of the 1978 and 1979 surveys are based on revised population benchmarks, derived from the 1976 Population Census, adjusted for underenumeration. Hence, estimates of numbers of employees in these surveys are not compatible with those from earlier surveys. Because of resource constraints it is not feasible to calculate estimates on the revised basis for earlier years. However, it is considered that the estimates of mean and median earnings would have been only slightly affected by the change.

Reliability of the estimates

12. Since the estimates in this publication are based on information obtained from occupants of a sample of dwellings, they may differ from the figures that would have been produced if the information had been obtained from occupants of all dwellings. An indication of the likely differences is given in the Technical Note, page 9. See also paragraph 7 of the Technical Note regarding non-sampling errors.

Related publications

13. Users may also wish to refer to the following publications, which are available on request:

Weekly Earnings of Employees (Distribution) (6310.0)

Average Weekly Earnings, (Preliminary) (6301.0), and Final Bulletin (6302.0) – quarterly.

Earnings and Hours of Employees, Distribution and Composition (Preliminary) – (6305.0), and Final Bulletin (6306.0) – sample survey conducted annually in May.

Earnings and Hours of Employees (Preliminary) – (6303.0), and Final Bulletin – (6304.0) – sample survey conducted annually in October.

Income Distribution 1973-74 – Part 1 (6502.0), *Part 2* (6503.0) and *Part 3* (6504.0)

Wage Rates (6312.0) – monthly.

The Labour Force (6203.0) – monthly.

Symbols and other usages

- * subject to sampling variability too high for most practical uses. See paragraph 12 above.
- .. not applicable

14. Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

R. J. CAMERON
Australian Statistician

TABLE 1. ALL EMPLOYEES : WEEKLY EARNINGS IN ALL JOBS AND FULL-TIME OR PART-TIME STATUS, STATES AND TERRITORIES, AUGUST 1979

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia		
MALE FULL-TIME EMPLOYEES (a)											
— '000 —											
Weekly earnings (\$) — Under 80	19.5	14.6	13.9	6.2	6.9	2.7	*	*	64.6		
80 and under 100	23.2	14.0	17.5	8.8	7.2	3.0	*	*	74.8		
100 " " 110	20.8	15.9	10.2	5.5	5.9	2.5	2.4	3.1	{ 61.9		
110 " " 120	18.7	13.9	7.6	4.8	4.4	2.1				{ 52.8	
120 " " 130	23.9	19.8	11.7	8.0	6.1	4.2					{ 75.0
130 " " 140	26.9	22.5	12.5	7.9	6.2	2.9					
140 " " 150	38.0	29.6	14.2	8.9	8.1	3.5	{ 103.9				
150 " " 160	54.8	45.7	24.3	17.5	13.7	3.6		{ 161.5			
160 " " 170	57.6	50.0	27.4	17.1	14.0	4.9			{ 173.7		
170 " " 180	62.2	51.0	27.1	19.2	15.8	5.4				{ 183.9	
180 " " 190	71.3	50.6	28.4	20.1	14.9	5.9	{ 194.1				
190 " " 200	64.4	45.8	29.3	17.5	14.3	5.6		{ 178.8			
200 " " 210	99.5	56.6	27.2	20.3	17.2	7.3			{ 235.1		
210 " " 220	59.2	47.0	23.4	14.2	11.6	3.7				{ *	
220 " " 230	51.7	37.8	19.0	10.0	11.7	4.2	{ 3.1				
230 " " 240	38.2	37.4	16.9	7.2	8.3	3.1		{ 2.1			
240 " " 250	42.9	28.0	16.2	9.8	8.1	2.9			{ *		
250 " " 260	43.3	31.0	15.3	11.5	11.8	2.8				{ *	
260 " " 280	43.0	38.0	17.7	9.0	11.7	3.8	{ 2.2				
280 " " 300	42.8	35.6	15.5	9.0	10.9	3.2		{ 3.2			
300 " " 320	45.1	33.0	15.3	8.3	10.4	3.6			{ 2.3		
320 " " 340	30.0	16.8	10.5	6.3	4.8	1.8				{ 2.1	
340 " " 360	28.2	19.0	7.0	5.1	5.2	{ 2.1					
360 " " 380	16.7	12.4	5.1	4.6	4.9		{ 2.9				
380 " " 400	14.6	9.3	5.2	4.1	4.1			{ 4.6			
400 " " 450	22.2	15.4	6.9	3.9	4.2				{ 2.1		
450 " " 500	18.5	8.7	5.1	2.6	4.8	{ 2.3					
500 " " 550	8.5	4.6	*				{ 5.7				
550 and over	20.6	9.6	7.3	3.2	6.1			{ 1.7			
Total	1,106.1	813.2	440.2	270.7	253.1				88.9	29.7	49.8
— dollars —											
Median earnings	207	206	199	197	205	196	247		258	205	
Mean earnings	230	223	216	214	227	208	279	235	225		
MALE PART-TIME EMPLOYEES (b)											
— '000 —											
Weekly earnings (\$) — Under 20	9.9	7.8	3.9	3.5	*	2.0	*	*	{ 28.7		
20 and under 40	9.7	7.5	4.1	2.6	2.5					{ 28.0	
40 " " 60	6.6	4.8	4.2	4.0	{ *						
60 " " 80	4.6	6.5									{ *
80 " " 100	6.1										
100 " " 200	15.1	6.1	5.7	3.3		4.8	*	*	{ 31.0		
200 and over	10.1	6.5								{ 23.4	
Total	62.0	39.2	17.8	13.5	11.9	2.9	*	*	151.4		
— dollars —											
Median earnings	81	58	51	48	59	66	*	*	65		
Mean earnings	106	98	95	73	108	80	*	*	100		

For footnotes see next page.

TABLE 1. ALL EMPLOYEES : WEEKLY EARNINGS IN ALL JOBS AND FULL-TIME OR PART-TIME STATUS, STATES AND TERRITORIES, AUGUST 1979 – continued

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia		
FEMALE FULL-TIME EMPLOYEES (a)											
— '000 —											
Weekly earnings (\$) — Under 80	11.6	9.5	12.5	5.1	5.3	2.3	*	*	47.1		
80 and under 100	19.5	15.3	12.5	5.9	6.3	2.2	*	*	62.5		
100 " " 110	15.2	11.9	9.6	4.1	3.2	1.6	2.5	3.5	46.3		
110 " " 120	16.7	14.3	9.7	5.1	3.2	2.2			52.1		
120 " " 130	27.4	20.1	11.1	7.6	5.4	2.0			75.1		
130 " " 140	27.4	30.5	9.7	8.4	7.0	2.0			86.1		
140 " " 150	35.0	32.6	12.9	8.1	5.9	2.3	2.3	2.7	98.5		
150 " " 160	40.7	28.6	13.9	8.4	8.4	2.3			105.5		
160 " " 170	43.3	26.7	17.4	7.5	9.2	2.6			109.1		
170 " " 180	37.5	30.7	11.5	8.2	8.3	1.9			101.6		
180 " " 190	33.3	27.7	9.9	8.5	5.6	1.7	3.2	3.4	89.1		
190 " " 200	24.0	20.0	5.4	5.2	4.9	2.0			63.5		
200 " " 210	25.0	20.2	8.1	4.8	4.0	1.6			66.0		
210 " " 220	16.0	13.4	6.2	4.2	2.7	2.3		3.0	45.3		
220 " " 230	13.4	9.0	5.4	3.4	2.6				35.9		
230 " " 240	10.0	7.1	6.1	6.1	7.6	2.0	2.2	25.5			
240 " " 250	6.8	5.9						20.0			
250 " " 260	8.0	6.9						23.2			
260 " " 280	13.0	8.5	5.0	*	3.4	2.8	*	4.3	30.7		
280 " " 300	7.0	*							16.1		
300 and over	19.3	13.3	7.5	3.8	4.5				52.8		
Total	450.1	355.8	174.4	106.7	97.4	33.9	9.3	24.1	1,251.6		
— dollars —											
Median earnings	167	166	157	161	165	160	175	185	165		
Mean earnings	177	174	166	169	173	168	182	200	174		
FEMALE PART-TIME EMPLOYEES (b)											
— '000 —											
Weekly earnings (\$) — Under 20	16.6	16.7	10.8	5.7	8.7	1.7	*	2.4	60.5		
20 and under 40	27.1	21.3	10.9	8.9	8.3	2.2			79.7		
40 " " 60	20.9	20.8	9.8	7.3	7.8	3.0			71.2		
60 " " 80	27.3	20.4	10.3	8.2	8.1	2.4			78.5		
80 " " 100	29.7	21.8	10.3	9.2	9.3	2.3	3.3	3.3	85.1		
100 " " 110	16.7	13.5	5.2	5.8	3.5	2.1			48.2		
110 " " 120	12.6	8.3	3.8	4.7	2.5	*			33.5		
120 " " 130	12.4	6.4	5.8	5.2	3.6	1.6			28.1		
130 " " 140	7.2	6.4							21.8		
140 " " 160	13.4	7.9	11.1	7.5	7.6	1.7	*	2.8	33.8		
160 " " 180	9.5	5.9							21.0		
180 and over	17.7	11.8							43.0		
Total	211.0	161.1	77.9	62.5	59.4	18.1	3.4	10.9	604.3		
— dollars —											
Median earnings	89	81	75	83	72	77	101	98	83		
Mean earnings	96	88	84	85	82	85	108	108	90		

(a) For definition, see paragraph 8. Some of the full-time employees shown in this table may not have worked, or been paid for, a full week.
 (b) Since part-time employees are defined as those who usually work less than 35 hours and who did so in the survey week, these figures may include school teachers, academic staff in universities, aircrew, etc.

TABLE 2. ALL EMPLOYEES : WEEKLY EARNINGS IN ALL JOBS AND FULL-TIME OR
PART-TIME STATUS, STATES AND TERRITORIES, CUMULATIVE PERCENTAGES, AUGUST 1979
(Per cent)

<i>Weekly earnings (\$)</i>	<i>N.S.W.</i>	<i>Vic.</i>	<i>Qld</i>	<i>S.A.</i>	<i>W.A.</i>	<i>Tas.</i>	<i>N.T.</i>	<i>A.C.T.</i>	<i>Australia</i>
MALE FULL-TIME EMPLOYEES (a)									
Under 80	1.7	1.8	3.1	2.2	2.7	3.1	*	*	2.2
" 100	3.8	3.5	7.1	5.4	5.6	6.5	*	*	4.7
" 110	5.7	5.5	9.4	7.4	7.9	9.3	*	*	6.7
" 120	7.4	7.2	11.1	9.2	9.6	11.6	*	*	8.4
" 130	9.6	9.6	13.8	12.2	12.0	16.4	*	*	10.9
" 140	12.0	12.4	16.6	15.1	14.4	19.7	*	*	13.5
" 150	15.4	16.0	19.8	18.4	17.6	23.6	11.6	7.6	16.9
" 160	20.4	21.6	25.3	24.9	23.0	27.7	13.3	10.2	22.2
" 170	25.6	27.7	31.5	31.2	28.5	33.2	16.8	13.5	27.9
" 180	31.2	34.0	37.7	38.3	34.7	39.3	21.3	17.4	33.9
" 190	37.6	40.2	44.1	45.7	40.6	46.0	25.4	20.9	40.3
" 200	43.4	45.8	50.7	52.1	46.3	52.3	27.8	23.3	46.2
" 210	52.4	52.8	56.9	59.6	53.1	60.5	41.1	29.5	53.9
" 220	57.8	58.6	62.2	64.9	57.7	64.7	45.7	33.4	59.2
" 230	62.5	63.2	66.5	68.6	62.3	69.5	47.0	39.6	63.7
" 240	66.0	67.8	70.3	71.3	65.6	73.0	48.8	43.7	67.4
" 250	69.9	71.2	74.0	74.9	68.8	76.3	50.7	46.6	71.0
" 260	73.8	75.0	77.5	79.1	73.5	79.4	53.7	51.2	74.9
" 280	77.7	79.7	81.5	82.4	78.1	83.7	58.8	55.7	79.1
" 300	81.6	84.1	85.0	85.7	82.4	87.3	62.6	62.2	83.1
" 320	85.7	88.2	88.5	88.8	86.5	91.4	65.7	66.7	87.0
" 340	88.4	90.3	90.9	91.1	88.4	93.4	71.2	71.0	89.4
" 360	90.9	92.6	92.5	93.0	90.5	94.5	76.7	73.9	91.6
" 380	92.4	94.1	93.7	94.7	92.5	95.8	80.9	80.3	93.2
" 400	93.7	95.2	94.9	96.2	94.1	97.0	85.6	85.1	94.6
" 450	95.7	97.1	96.5	97.6	95.7	98.2	88.5	91.8	96.5
" 500	97.4	98.2	97.7	98.4	96.6	99.0	92.6	94.5	97.8
" 550	98.2	98.8	98.2	98.6	97.5	99.4	94.1	96.5	98.5
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MALE PART-TIME EMPLOYEES (b)									
Under 20	15.9	19.8	21.7	26.1	19.5	*	*	*	19.0
" 40	31.6	39.0	44.7	45.7	40.7	*	*	*	37.5
" 60	42.2	51.2	54.1	55.9	50.4	*	*	*	48.1
" 80	49.5	61.5	62.4	65.6	57.2	*	*	*	56.4
" 100	59.4	67.7	68.2	75.7	59.8	69.7	*	*	64.2
" 200	83.8	83.4	87.4	91.0	82.1	94.7	*	*	84.8
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

For footnotes see Table 1.

TABLE 2. ALL EMPLOYEES : WEEKLY EARNINGS IN ALL JOBS AND FULL-TIME OR
PART-TIME STATUS, CUMULATIVE PERCENTAGES, AUGUST 1979 —continued
(Per cent)

Weekly earnings (\$)	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
FEMALE FULL-TIME EMPLOYEES (a)									
Under 80	2.6	2.7	7.2	4.8	5.4	6.9	*	*	3.7
" 100	6.9	7.0	14.4	10.3	11.9	13.4	*	*	8.7
" 110	10.3	10.3	19.9	14.1	15.2	18.2	*	*	12.4
" 120	14.0	14.3	25.5	18.9	18.5	24.8	*	*	16.6
" 130	20.1	20.0	31.9	26.0	24.0	30.8	*	*	22.6
" 140	26.2	28.6	37.5	33.8	31.2	36.6	*	*	29.5
" 150	34.0	37.8	44.9	41.4	37.2	43.5	31.7	18.3	37.4
" 160	43.0	45.8	52.9	49.3	45.8	50.4	37.9	29.3	45.8
" 170	52.6	53.3	62.9	56.3	55.2	58.1	43.7	36.9	54.5
" 180	60.9	61.9	69.5	64.0	63.7	63.7	56.3	46.4	62.6
" 190	68.3	69.7	75.2	71.9	69.5	68.7	62.0	54.3	69.7
" 200	73.6	75.3	78.3	76.7	74.5	74.5	69.7	60.3	74.8
" 210	79.2	81.0	82.9	81.2	78.6	79.2	76.3	67.5	80.1
" 220	82.7	84.8	86.4	85.1	81.4	82.9	79.9	72.8	83.7
" 230	85.7	87.3	89.5	88.3	84.1	86.0	83.1	75.9	86.6
" 240	87.9	89.3	91.2	89.9	86.4	87.7	86.5	78.4	88.6
" 250	89.4	91.0	91.9	91.7	89.3	88.9	90.6	80.3	90.2
" 260	91.2	92.9	93.0	94.0	91.9	91.9	90.6	82.0	92.1
" 280	94.1	95.3	94.6	95.8	93.8	94.3	94.5	87.4	94.5
" 300	95.7	96.4	95.8	96.3	95.4	96.2	94.5	89.1	95.8
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
FEMALE PART-TIME EMPLOYEES (b)									
Under 20	7.9	10.3	13.8	9.0	14.6	9.6	*	*	10.0
" 40	20.7	23.5	27.7	23.2	28.6	21.9	*	*	23.2
" 60	30.6	36.4	40.2	34.9	41.7	38.5	*	22.0	35.0
" 80	43.5	49.0	53.4	48.0	55.3	51.8	*	33.8	48.0
" 100	57.6	62.5	66.6	62.8	71.0	64.5	*	52.0	62.1
" 110	65.5	70.9	73.3	72.0	76.9	76.3	*	62.7	70.1
" 120	71.5	76.0	78.1	79.5	81.1	81.7	*	66.7	75.6
" 130	77.4	80.0	81.6	84.2	84.2	87.4	*	71.6	80.3
" 140	80.8	84.0	85.6	87.9	87.1	90.5	*	74.4	83.9
" 160	87.1	88.9	92.2	92.4	91.2	95.0	*	83.2	89.5
" 180	91.6	92.5	94.7	95.2	92.6	95.7	*	90.0	92.9
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

For footnotes see Table 1.

TABLE 3. MEAN WEEKLY EARNINGS IN ALL JOBS : FULL-TIME AND PART-TIME EMPLOYEES,
STATE CAPITAL CITIES AND OTHER AREAS, AUGUST 1979
- \$ -

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.
MALES						
<i>Full-time (a)</i>						
Capital city	238	227	223	217	226	216
Other areas	213	211	209	204	229	202
<i>Part-time (b)</i>						
Capital city	115	100	95	76	98	*
Other areas	88	91	94	61	*	94
FEMALES						
<i>Full-time (a)</i>						
Capital city	179	175	172	169	173	160
Other areas	170	171	159	168	176	175
<i>Part-time (b)</i>						
Capital city	100	91	89	88	83	86
Other areas	85	80	76	72	79	83

For footnotes see Table 1.

TABLE 4. EMPLOYEES WHO WORKED IN A SECOND JOB : WEEKLY EARNINGS IN MAIN JOB
AND WEEKLY EARNINGS IN SECOND JOB, AUGUST 1979

	Males				Females			
	Weekly earnings in second job			Mean weekly earnings in second job	Weekly earnings in second job			Mean weekly earnings in second job
	Under \$30	\$30 and over	Total		Under \$30	\$30 and over	Total	
	'000	'000	'000	\$	'000	'000	'000	\$
<i>Weekly earnings in main job (\$) -</i>								
Under 140	4.6	5.7	10.2	41	11.4	9.1	20.5	34
140 and under 160	6.9	{ 7.3	{ *	48	*	7.4	10.5	53
160 " " 180								
180 " " 200								
200 " " 220								
220 and over	6.4	18.1	24.5	58				
Total	17.9	39.1	57.0	53	14.4	16.5	31.0	41
- dollars -								
Median earnings in main job	195	212	208	..	77	129	109	..
Mean earnings in main job	199	218	212	..	87	144	117	..

TABLE 5. FULL-TIME EMPLOYEES(a) : WEEKLY EARNINGS IN ALL JOBS AND AGE, AUGUST 1979

		Age group (years)								65 and over	Total 20 and over	TOTAL		
		15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64						
MALES														
- '000 -														
Weekly earnings (\$) - Under 100		95.6	11.5	12.1	6.7	6.2	5.2	5.8		43.8	139.4			
100 and under	110	33.8	10.1	6.8	6.8	7.3	5.8	5.8	6.1	28.0	61.9			
110 "	120	27.0	10.4	6.4						25.8	52.8			
120 "	130	24.8	16.9	10.2	6.9	9.9	5.8			50.2	75.0			
130 "	140	23.0	18.0	13.3	10.6	6.5	4.8	6.0		56.1	79.1			
140 "	150	16.4	26.9	18.7	16.3	15.9	5.6			87.5	103.9			
150 "	160	11.2	40.4	33.0	27.0	27.8	11.9	8.0		150.3	161.5			
160 "	170	10.8	35.9	44.0	26.3	29.1	16.3	9.2		162.9	173.7			
170 "	180	8.0	43.0	46.7	30.8	31.8	15.0	7.3	6.5	175.9	183.9			
180 "	190	5.0	35.4	53.5	35.5	34.5	19.5	9.6		189.1	194.1			
190 "	200	5.1	32.1	53.4	36.2	29.3	14.3	6.2		173.7	178.8			
200 "	210	5.5	31.7	72.4	51.2	44.6	19.6	11.0		231.6	235.1			
210 "	220		22.4	57.1	32.9	30.5	9.8	7.2		160.6	162.6			
220 "	230		18.2	46.9	28.5	24.2	13.2	4.5		135.6	138.0			
230 "	240	6.0	13.9	41.4	25.3	19.0	8.4			112.5	113.7			
240 "	250		8.5	41.2	23.8	22.0	8.4	10.4		108.4	109.9			
250 "	260		10.1	42.0	32.5	23.8	6.4			117.7	118.7			
260 "	280		10.3	51.4	31.0	22.0	8.2	5.9		126.1	126.8			
280 "	300		8.5	43.1	31.7	25.7	8.4		6.6	120.8	121.2			
300 "	320		8.3	40.1	35.2	25.0	7.2			117.7	118.8			
320 "	340			28.7	21.1	13.7	5.5			73.4	74.0			
340 "	360	5.3	11.6	21.0	21.2	14.1				67.8	68.5			
360 "	380			17.9	14.4	10.9	10.0			49.3	49.3			
380 "	400			10.9	14.0	11.6		12.3		42.1	42.2			
400 "	450			17.6	18.9	11.2	5.0			57.2	57.7			
450 "	500		7.6	9.4	13.0	10.3	4.8			39.7	40.2			
500 and over				15.1	22.2	16.5	8.9			70.4	71.0			
Total		277.4	431.8	854.2	620.0	523.3	222.3	103.3	19.2	2,774.2	3,051.7			
- dollars -														
Median earnings		113	181	220	228	216	206	199	181	211	205			
Mean earnings		123	193	239	255	244	238	220	200	235	225			
FEMALES														
- '000 -														
Weekly earnings (\$) - Under 100		77.3	10.3	6.1	7.9	5.0			(b)	32.3	109.6			
100 and under	110	29.6	5.4	*	*	6.4	7.1	5.1		16.7	46.3			
110 "	120	26.0	11.6	4.6	5.4					26.0	52.1			
120 "	130	22.6	23.4	8.9	8.9	8.5				52.4	75.1			
130 "	140	14.9	26.3	14.7	13.6	12.2				71.2	86.1			
140 "	150	9.4	30.4	16.8	19.3	16.0	4.7			89.0	98.5			
150 "	160	5.6	30.4	26.0	19.8	17.3	8.0	5.5		99.9	105.5			
160 "	170		36.0	26.2	18.5	18.7				104.7	109.1			
170 "	180	10.2	33.6	26.0	18.5	15.0	7.2			98.1	101.6			
180 "	190		22.8	27.5	19.1	12.3		6.1		86.8	89.1			
190 "	200		15.9	19.3	9.6	12.0	7.0			62.3	63.5			
200 "	210	6.2	17.7	19.9	14.4	8.7				65.3	66.0			
210 and over			55.5	96.9	44.6	33.5	9.2	5.4		245.1	249.3			
Total		201.8	319.2	296.3	203.3	165.7	43.2	22.1		1,049.8	1,251.6			
- dollars -														
Median earnings		108	166	186	172	169	175	173		173	165			
Mean earnings		113	174	199	184	184	188	186		185	174			

(a) For definition, see paragraph 8. Some of the full-time employees shown in this table may not have worked, or been paid for, a full week.
 (b) Aged 60 years and over.

The estimates are derived from the population survey by use of a complex ratio estimation procedure, which ensures that the survey estimates conform to an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself.

2. Since the estimates in this publication are based on information obtained from occupants of a sample of dwellings they are subject to sampling variability; that is, they may differ from the figures that would have been produced if all dwellings had been included in the survey. One measure of the likely difference is given by the *standard error*, which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all dwellings had been included, and about nineteen chances in twenty that the difference will be less than two standard errors.

The estimated number of female full-time employees in the weekly earnings range \$170-180 in Australia is 101,600. (Table 1.) From the table below it will be seen that the estimate has a standard error of about 3,900 and therefore there are about two chances in three that the value that would have been produced if all dwellings had been included in the survey will fall within the range 97,700 to 105,500 and about nineteen chances in twenty that the value will fall within the range 93,800 to 109,400.

4. The reliability of an estimated percentage, computed by using sample data for both numerator and denominator, depends upon both the size of the

numerator and the size of the denominator. However, the per cent standard error of the estimated percentage will generally be lower than the per cent standard error of the estimate of the numerator. The per cent standard errors of the numerator can be obtained from the table below.

5. Means and medians published in this publication are also subject to sampling variability. Standard errors vary depending on the size and distribution of the population for which the mean or median has been obtained. Standard errors of means in this publication could generally be expected to be below 6 per cent and standard errors of medians below 7 per cent with the exception of estimates relating to part-time males for which the standard errors are somewhat higher. For populations of 100,000 or more the standard errors of the mean and median would both be less than 2 per cent.

6. As the standard errors in the table below show *the smaller the estimate the higher is the relative standard error*. Very small estimates are thus subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable uses. In the tables in this publication estimates less than the lowest levels shown in the table below have not been included. Although figures for these small components can in some cases be derived by subtraction, they should not be regarded as reliable.

7. The imprecision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of imperfections in reporting by interviewers and respondents. Inaccuracies of this kind are referred to as the *non-sampling error*, and they may occur in any enumeration, whether it be a full count or only a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

STANDARD ERRORS OF ESTIMATES

[illegible]

